

IN THE CLAIMS:

Please cancel claims 1-20 without prejudice and add new claims 21-33 as follows:

1-20. (Canceled)

21. (New) A mobile terminal for use in a wireless communication, comprising:
a microphone to receive speech signals;
a speaker to provide audio signals;
an antenna to receive/transmit signals;
an input device to receive user interface to control equalizer frequency of the audio signals output to the speaker of the mobile terminal;
an equalizing device configured to adjust a signal to provide equalized signal to the speaker;
a converting device to convert a digital signal received through the antenna into an analog signal;
an equalizer control circuit adapted to supply a timbre control signal; and
a processor adapted to supply a first control signal corresponding to a frequency band set by a user to the equalizer control circuit, the equalizer control circuit to supply the timbre control signal based on the first control signal, the processor further adapted to provide a second control signal to the converting device, and the processor to supply a digital speech signal received from another mobile communication terminal to the converting device.

22. (New) The mobile terminal of claim 21, wherein the equalizing device comprises a plurality of active filters.

23. (New) The mobile terminal of claim 21, wherein the converting device comprises a coder and decoder device.

24. (New) The mobile terminal of claim 21, wherein the timbre control signal adjusts the frequency band of the analog signal input to the equalizing device according to the control signal.

25. (New) The mobile terminal of claim 21, wherein the microphone provides an analog signal.

26. (New) The mobile terminal of claim 25, wherein the equalizing device adjusts the analog signal from the microphone and the converting device converts the adjusted analog signal into a digital signal.

27. (New) A mobile terminal for use in a wireless communication, comprising:
a microphone to receive speech signals;
a speaker to provide audio signals;
an antenna to receive/transmit signals;
an input device to receive user interface to control equalizer frequency of the audio signals output to the speaker of the mobile terminal;
a codec configured to decode a coded signal to a decoded signal;
an equalizer unit configured to adjust the decoded signal to provide equalized signal to the speaker; and
a processor adapted to supply a first control signal corresponding to a frequency band set by a user to the equalizer unit, the equalizer unit being controlled in response to the first control signal, the processor further adapted to provide a second control signal to the codec, and the processor to supply a digital speech signal received from another mobile communication terminal to the codec.

28. (New) The mobile terminal of claim 27, wherein the equalizer unit comprises a plurality of active filters.

29. (New) The mobile terminal of claim 27, wherein the codec comprises a coder and decoder device.

30. (New) The mobile terminal of claim 21, wherein the microphone provides an analog signal.

31. (New) The mobile terminal of claim 30, wherein the equalizer unit adjusts the analog signal from the microphone and the codec converts the adjusted analog signal into a digital signal.

32. (New) A mobile communication terminal, comprising:

- a speaker;
- a microphone;
- a codec adapted to convert a digital speech signal into an analog speech signal;
- an equalizer configured to adjust a signal to provide equalized signal to the speaker;
- an equalizer control circuit adapted to supply a timbre control signal; and
- a CPU adapted to supply a first control signal corresponding to a frequency band set by a user to the equalizer control circuit, the equalizer control circuit to supply the timbre control signal based on the first control signal, the CPU further adapted to provide a second control signal to the codec, and the CPU to supply a digital speech signal received from another mobile communication terminal to the codec.

33. A mobile communication terminal, comprising:

- a microphone adapted to input a transmitting speech signal;
- a speaker adapted to reproduce a received speech signal;
- a codec adapted to perform an analog-digital conversion for the transmitting speech signal and a digital-analog conversion for the received speech signal;
- a CPU adapted to generate a first control signal according to a frequency band set by a user and to provide a second control signal to the codec;
- an equalizer control circuit adapted to generate a timbre control signal according to the first control signal of the CPU; and
- an equalizer adapted to adjust a signal to provide equalized signal to the speaker, the equalizer being connected to the microphone, the speaker and the codec in such a fashion that the equalizer is disposed between the microphone/speaker and the codec.